

Targeting Lead

Using a Community Assessment Tool and GIS to find Boston's Most Vulnerable Areas



LEAD ACTION COLLABORATIVE

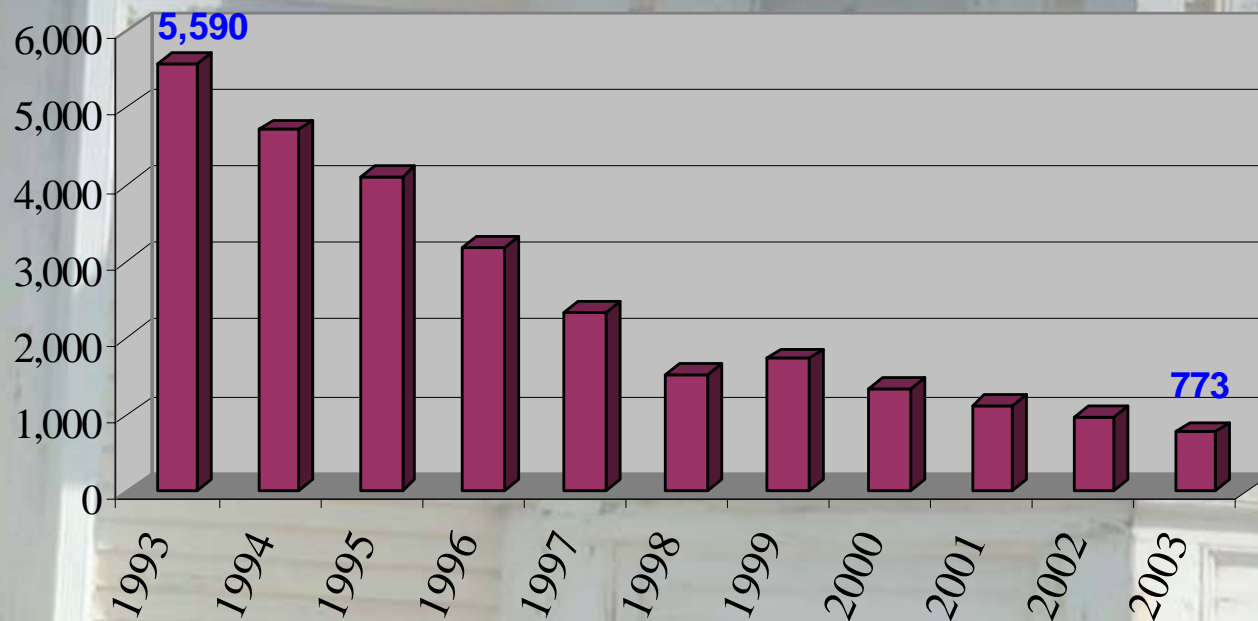
Working to end childhood lead poisoning in Boston's high-risk neighborhoods

Presentation Outline

- Background on Childhood Lead Poisoning in Boston
- The Lead Action Collaborative and the Boston Blueprint
- LeadSafeHomes.Info Website
- Community Assessment Tool

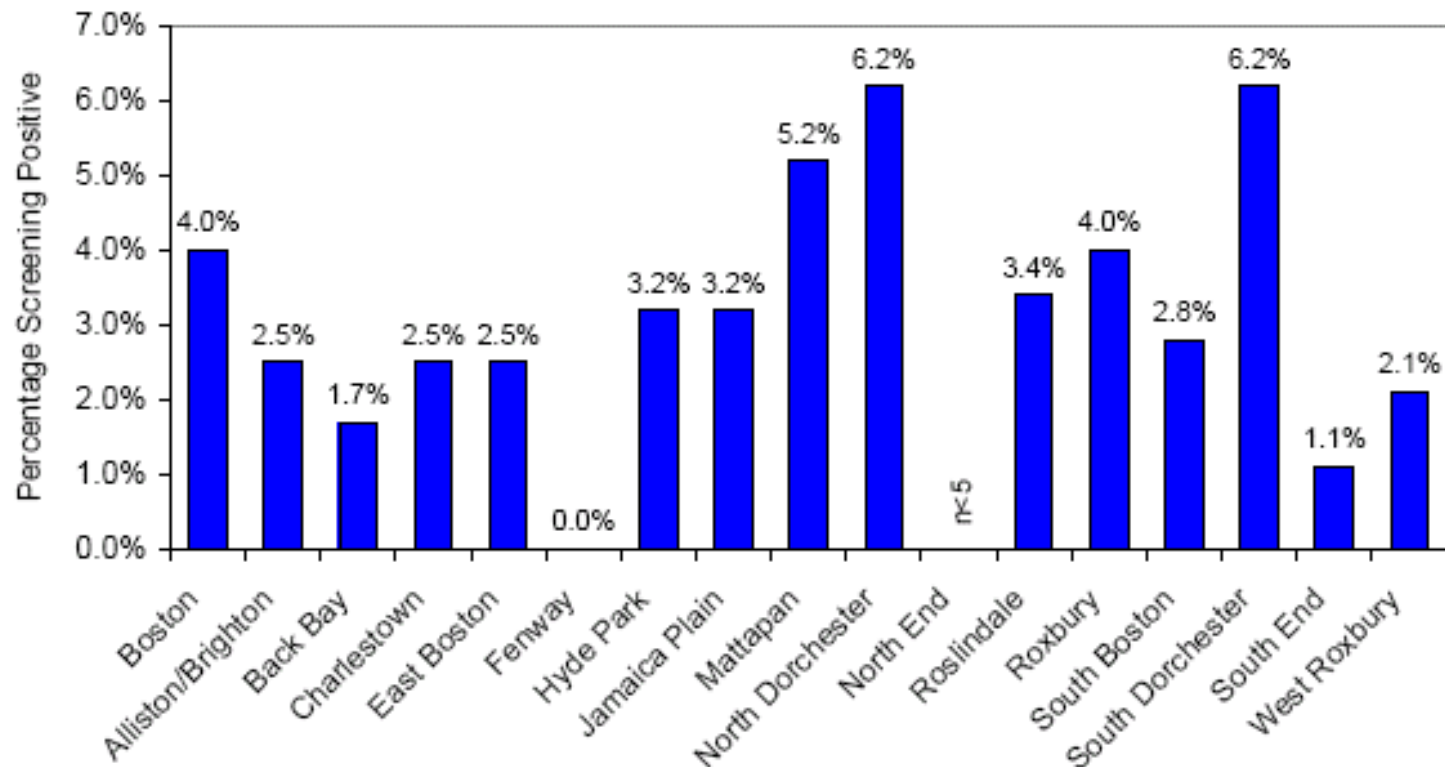
Lead Poisoning in Boston

Children in Boston With Elevated Blood Levels (pb \geq 10ug/dl)



Lead Poisoning by Neighborhood

**Prevalence of Elevated Blood Lead Levels* by Neighborhood
Boston, 2002**



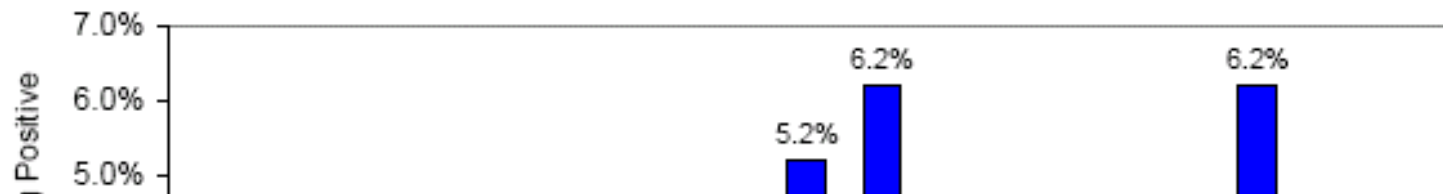
*Capillary blood level sample test results between 10 and 14 ug/dL. Higher test results are not included due to need for retesting to confirm.

DATA SOURCE: Lead Screening Data, Boston Public Health Commission Office of Environmental Health

DATA ANALYSIS: Boston Public Health Commission Office of Environmental Health

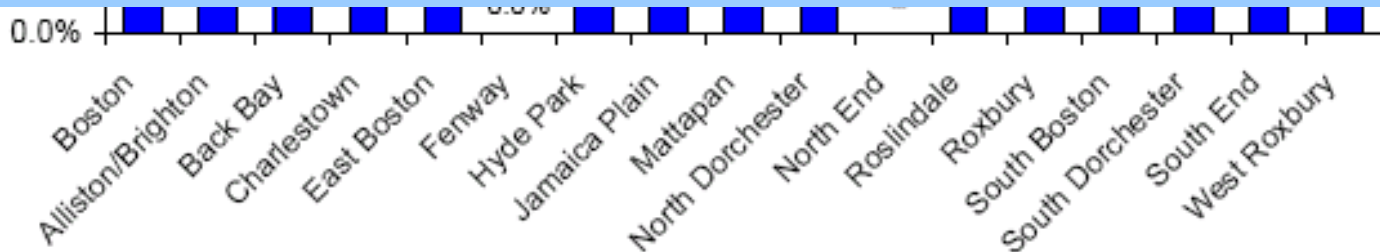
Lead Poisoning by Neighborhood

Prevalence of Elevated Blood Lead Levels* by Neighborhood
Boston, 2002



50%

North and South Dorchester



*Capillary blood level sample test results between 10 and 14 ug/dL. Higher test results are not included due to need for retesting to confirm.

DATA SOURCE: Lead Screening Data, Boston Public Health Commission Office of Environmental Health

DATA ANALYSIS: Boston Public Health Commission Office of Environmental Health

Lead Poisoning by Neighborhood

Prevalence of Elevated Blood Lead Levels* by Neighborhood
Boston, 2002

75%

**North and South
Dorchester. Roxbury, Hyde
Park and Mattapan**

*Capillary blood level sample test results between 10 and 14 ug/dL. Higher test results are not included due to need for retesting to confirm.

DATA SOURCE: Lead Screening Data, Boston Public Health Commission Office of Environmental Health

DATA ANALYSIS: Boston Public Health Commission Office of Environmental Health



The Lead Action Collaborative



The Lead Action Collaborative is a partnership of non-profit organizations, foundations, and government agencies that has been working to substantially reduce the incidence of childhood lead poisoning in Boston's highest risk neighborhoods since 1993. Our multifaceted approach to combating lead poisoning includes increasing visibility, ensuring the effectiveness of related policies and regulations through advocacy and coalition building, and training community groups to develop and sustain their own outreach programs at the grassroots level. The Collaborative also facilitates networking on lead issues among grassroots organizations, non-profit groups, and public agencies. Through the continued commitment of these diverse groups, we aim to virtually eliminate childhood lead poisoning in Boston within the next few years.

“Lets End It Here!”


Goal: Eliminate Childhood Lead Poisoning in Boston by 2008

- Launching Community Needs Assessment
- Meeting the Needs of Poisoned Children
- Boston's Housing Lead Safe
- Advocating for Legislative and Policy Change

Draft

Blueprint to End Childhood Lead Poisoning in Boston

Working to end childhood lead poisoning in Boston's highest risk neighborhoods by 2008




Background

Since 1993 the Lead Action Collaborative (LAC) has played a leadership role in the fight to eliminate childhood lead poisoning in Boston. The success of the Collaborative is a result of the devotion and diversity of our partners who come from non-profit organizations, foundations, and governmental agencies. Throughout our vision, LAC has been working together to develop and implement strategies that will greatly reduce the risk and eventually eliminate the likelihood that children in Boston's underserved, highest risk neighborhoods will be exposed to lead poisoning. Our multifaceted approach to combating lead poisoning includes increasing visibility, ensuring the effectiveness of related policies and regulations through advocacy and coalition building, and using community groups to develop and sustain their own outreach programs at the grassroots level. Through the commitment of our current members and continued growth of the Collaborative, we aim to totally eliminate lead poisoning in Boston within the next few years.

In November 2001 LAC, along with the U.S. Environmental Protection Agency, and the Tufts Institute of the Environment, issued the "Let's End It Here!" Boston Summit on Childhood Lead Poisoning. The Summit brought together more than 30 legislators, policy makers, governmental officials and community leaders to discuss ideas on how to eliminate childhood lead poisoning in Boston by 2008, 2 years ahead of the Healthy People 2010 target date. From the ideas and suggestions discussed at the Summit, LAC has developed the *Blueprint to End Childhood Lead Poisoning in Boston*. The following sections highlight the main components of the action plan:

- Identify community-based data that is likely to expose residents to those neighborhoods most at risk.
- Develop a "Lead Awareness Campaign"
- Improve services for lead-poisoned children and their families.
- Focus efforts on preventing lead poisoning through awareness, education, and outreach.
- Identify a "Lead Safe" Housing and modernize access to families with children.
- Focus resources to make more housing lead safe and to maintain existing lead safe housing.

The Collaborative believes that, through the implementation of the Blueprint, Boston will be the first major city in the U.S. to virtually eliminate childhood lead poisoning and that the Blueprint will serve as a model for other cities striving to reach the same goal.


 **The Lead Action Collaborative**
Tufts Institute of the Environment, 110 Oakland Ave. - 4th Floor, Boston, MA 02155
Phone: (617) 627-6179 Fax: (617) 627-6655 E-mail: LAC@Tufts.edu Website: www.tufts.edu/LAC

Lead Action Collaborative—Blueprint to End Childhood Lead Poisoning in Boston

Goal 1 Of the Blueprint

To Identify community-based data that allows us to target resources to those neighborhoods most at risk

**LeadSafeHomes.info**
mapping a healthy future




May 11, 2004
Boston

[Home](#) > [Boston](#)

Property Report
To learn about a particular building in Boston, type in the address below.
Address:

Community Report
To learn about Boston neighborhoods, select a topic from the list below.
Show me:

State-wide Resources
▶ **MA Inspections & Deledings**

Help end childhood lead poisoning



Information for ...
See information organized by the interests and questions you are likely to have.

- **Parents**
- **Homeowners**
- **Tenants**
- **Landlords**
- **Healthcare Providers**
- **City & State Officials**
- **Community Groups**

Tell me about ... (click on image to get information)

**Health & Lead**

**Lead in Homes**


**Laws about Lead**


**Taking Action**

Healthy Homes**Our Partners**

Address Specific Information

- Lead Inspection History
- Neighborhood Information
- Recommendations
- Links to Resources

**LeadSafeHomes.info**
mapping a healthy future



April 30, 2004
Boston

Home > Boston > MAP

Property Report
Address:
55 GLENWOOD AVE
02135 [Get Map](#)

Community Report
Show me:
Inspections [Get Map](#)

Tell me about ...

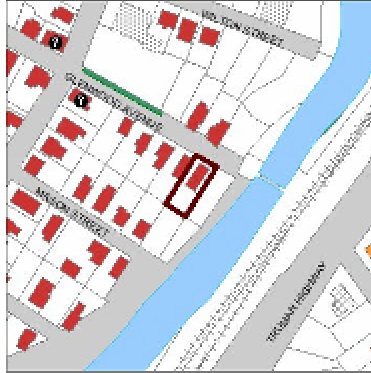
- Health and Lead
- Lead in Homes
- Laws about Lead
- Taking Action

Info for ...

- Parents
- Homeowners
- Tenants
- Landlords
- Healthcare Providers
- City & State Officials
- Community Groups

[Healthy Homes](#)
[Our Partners](#)

Property Report for 55 GLENWOOD AVE 02135
Scroll down to see information and recommendations for this property.



LEGEND
Risk Symbols

- Inspected (no violation)
- Inspected - in violation - deleaded
- Inspected - in violation - not deleaded
- See Lead Inspection History table below

Age of Housing

- Before 1950
- 1950 - 1975
- 1976-2005
- Age unknown
- Non-residential

Click on the map to launch the [Interactive Mapper](#).
Read about [Data sources and updates](#).

Property Report

Recommendations:

- Contact the Massachusetts Child and Lead Poisoning Prevention Program at 800-552-2671 or the Boston Child and Lead Poisoning Prevention Program at 617-534-5386 to confirm that there is no past inspection or deleading information for this address.
- Call the Boston Childhood Lead Poisoning Prevention Program, at 617-534-5366, and ask about having a free lead inspection done if there is a child less than six years old living in the unit.
- If there is a child less than six years old living in a unit built before 1975, the property owner must get a lead inspection. The owner is required to provide you with a copy of any lead inspection or letters of deleading compliance for your unit.

Lead Inspection History for 55 GLENWOOD AVE

Apt. # Inspected Inspected on Violation found Deleaded Deleaded on					
REA	NO	REA	REA	N/A	REA

Address Summary: Your building was built in 1910. According to city and state records, there is no lead inspection and deleading information for your address. Past buildings built before 1950 have lead-based paint. Lead-based paint can break down over time and create a lead hazard in the form of dust. Chipping and peeling paint can hurt children.

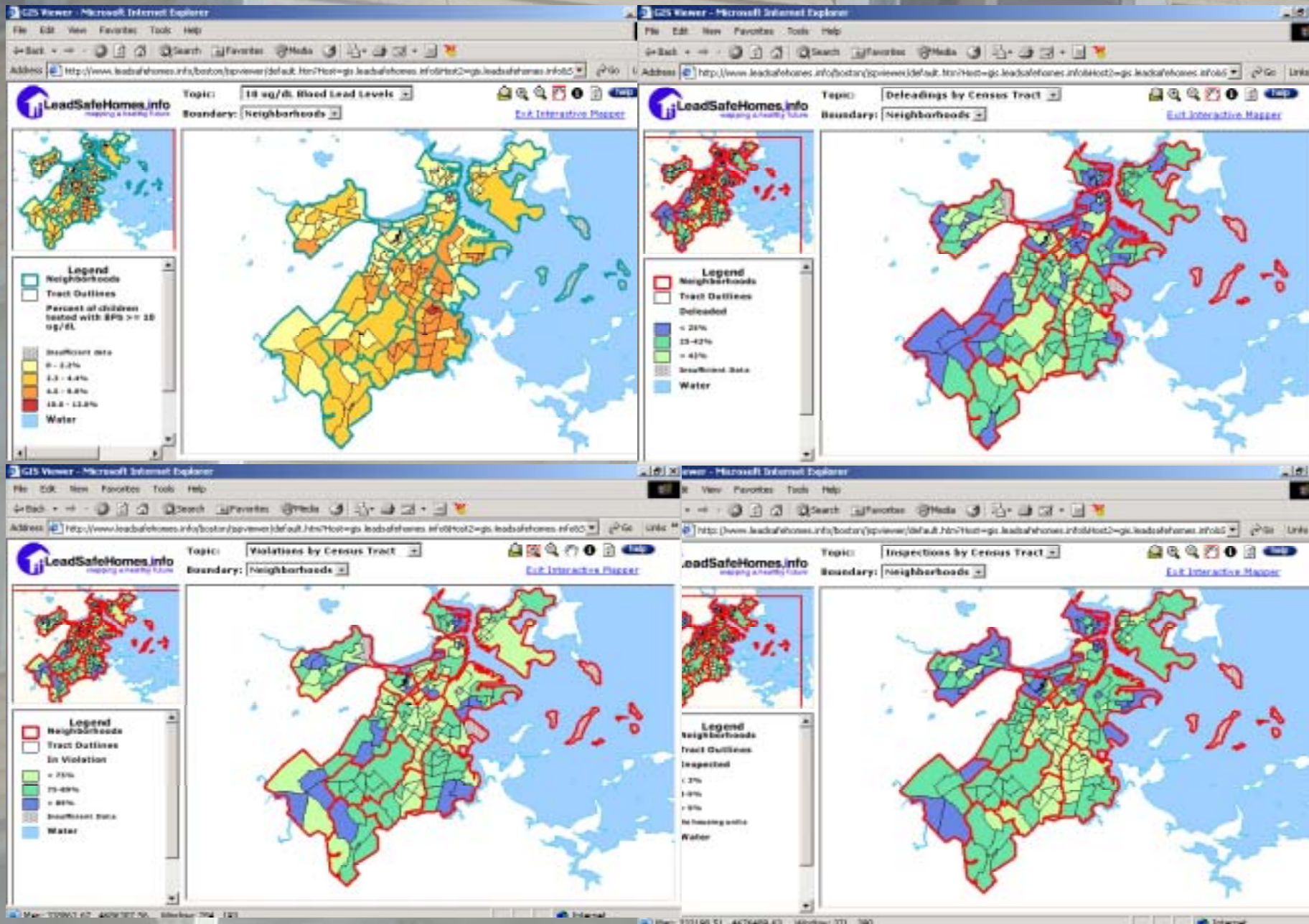
Blood-Lead Summary: 2.4% of tested children under six years old in your census tract have blood lead levels above 10 ug/dl, a level that is associated with negative health effects in children. This percentage is less for your neighborhood, Hyde Park, where 2.5% of children under six have blood lead levels above 10 ug/dl. Your neighborhood percentage is lower than the Boston citywide percentage, where 3.5% of tested children under six have blood lead levels above 10ug/dl.

Tell me more...
(Click on the one that most interests you)

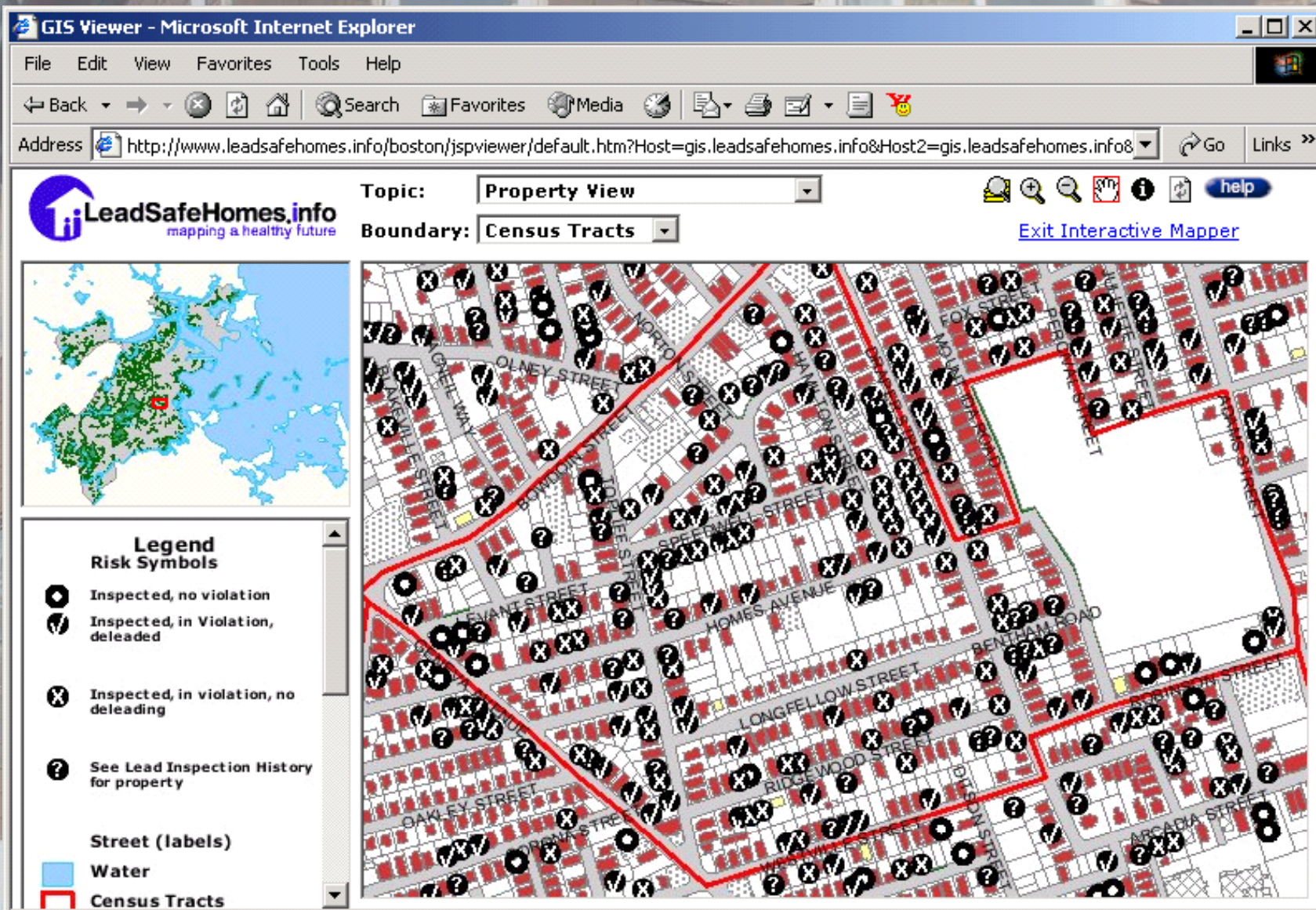
- Lead paint and lead dust
- Lead hazard control and maintenance
- Testing for lead in homes
- State laws about lead
- Laws about prevention of lead poisoning
- Legal resources
- Public resources for ending lead poisoning

Home | About LeadSafeHomes | Data Sources and Updates | Contact Us | Privacy Policy | Disclaimer

Community Mapping



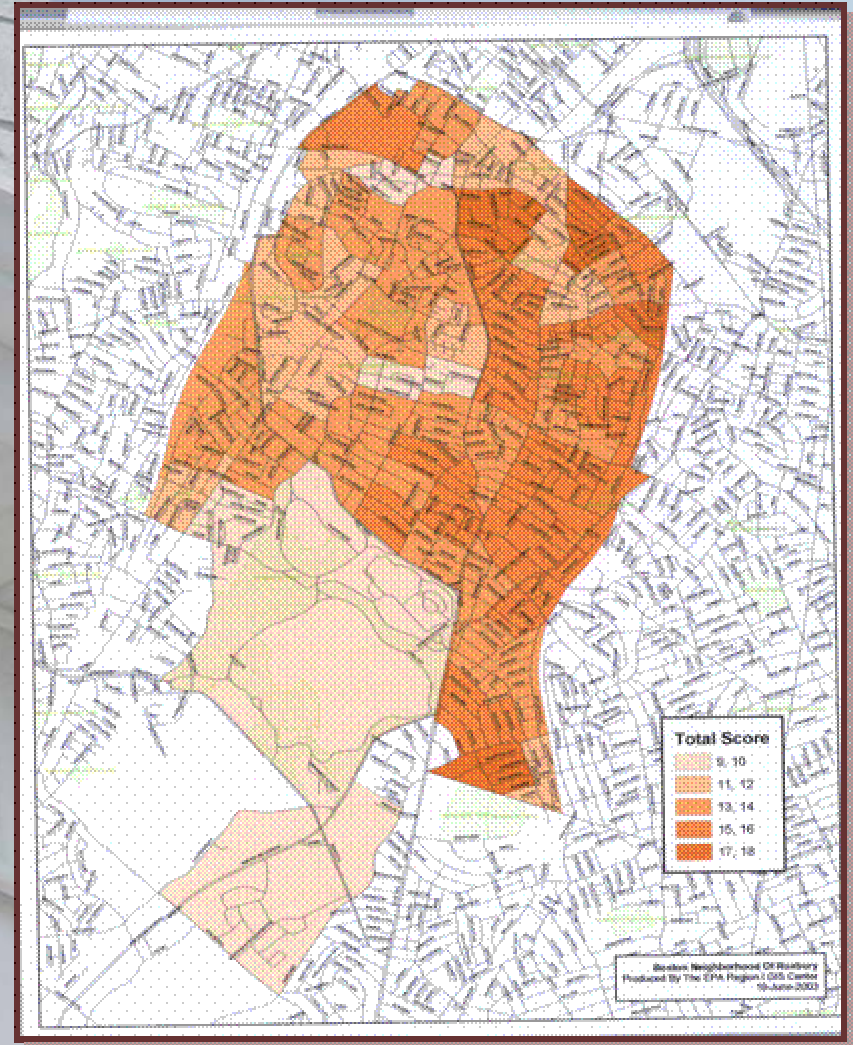
Neighborhood Specific Information



Identifying Vulnerable Areas

Lead Risk Indicators

- **Housing Age**
- **Physical Condition**
- **Family income**
- **Housing Cost Burden**
- **Children Under 6**
- **Percent Minority**



Community Assessment Tool

Community Assessment Survey Sheet

Name _____

Date _____

Street Name _____ Neighborhood _____

Weather Conditions (temp., sunny, rain, etc) _____

1. Neighborhood Setting

(For "Neighborhood Setting" and "Vehicle Type" select all that apply and mark the majority with an 'M')

[illegible]

Comments: (Trash, closeness of buildings, density, hazards)

2. Vacant Lots and Open Space

(For "Ground Cover" and "Type" select all that apply and mark the majority with an 'M')

[illegible]

Comments: (Example: Poorly maintained, excessive amounts of trash, broken or no benches etc.)

Community Assessment Tool

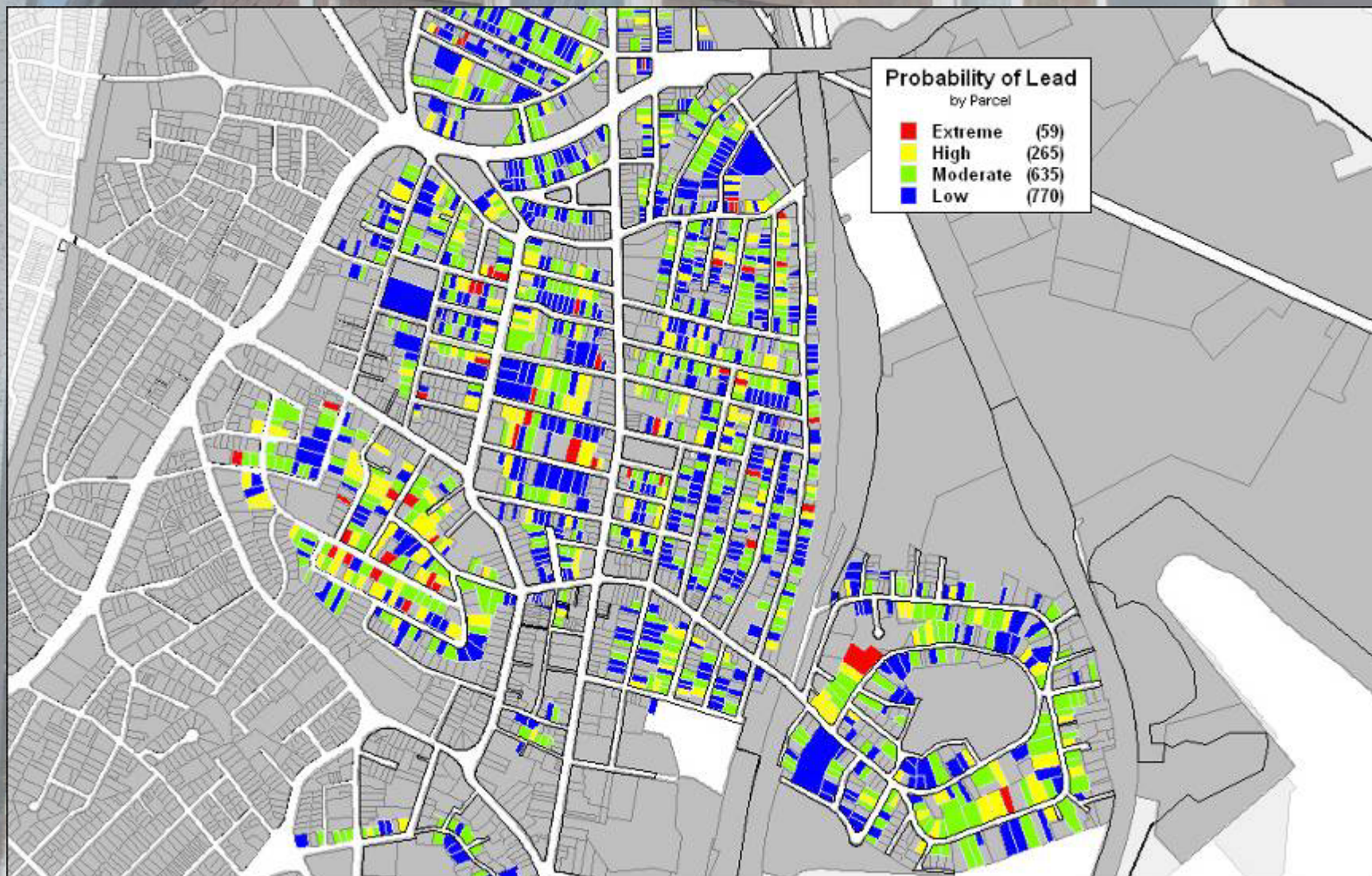
3. Housing Conditions

(For "Peeling Paint" and "Building Deterioration" check all that apply; For "Yard" check all that apply and put an "M" in the column that represents the majority)

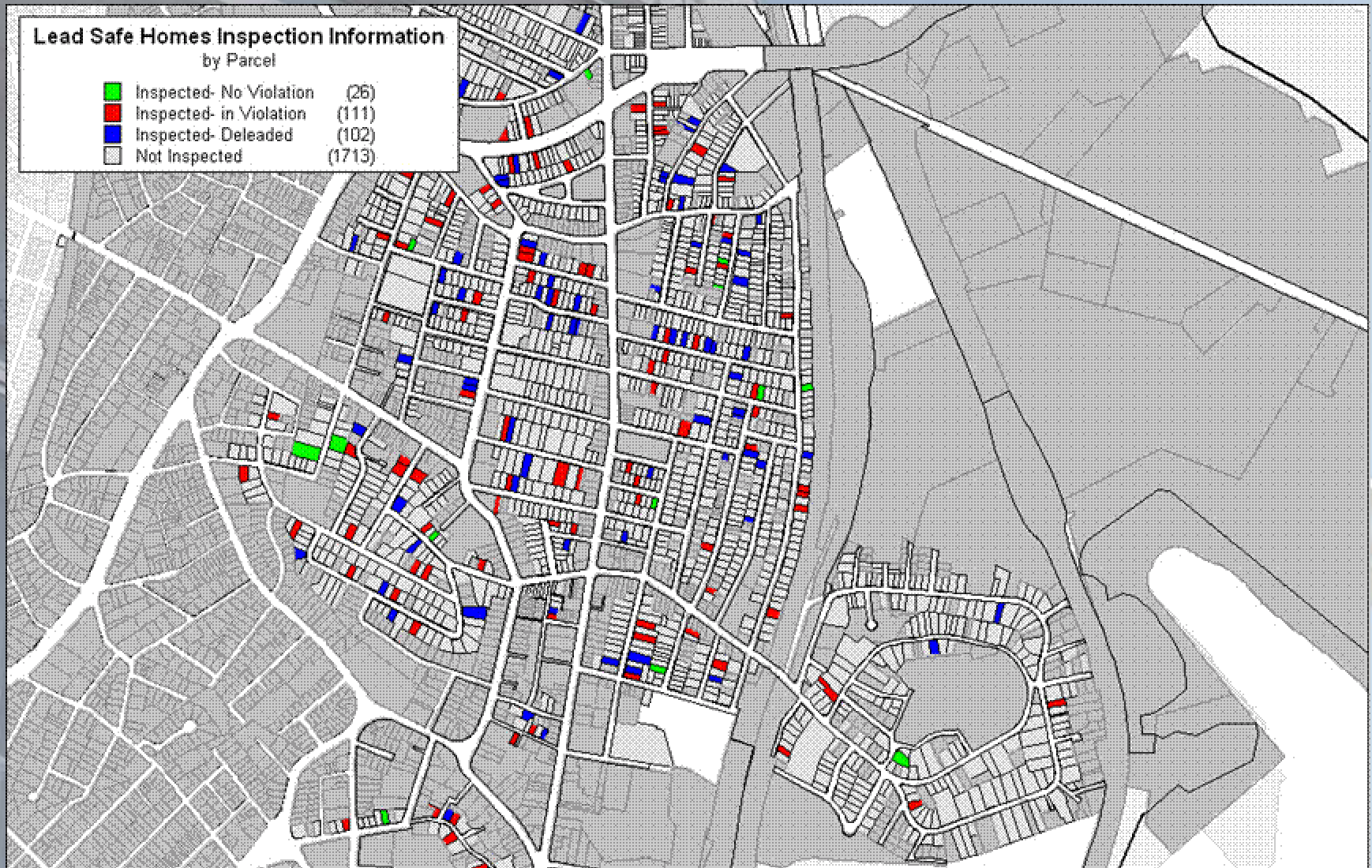
[illegible]

Comments: (Example: Trash or other hazards in yard or nearby)

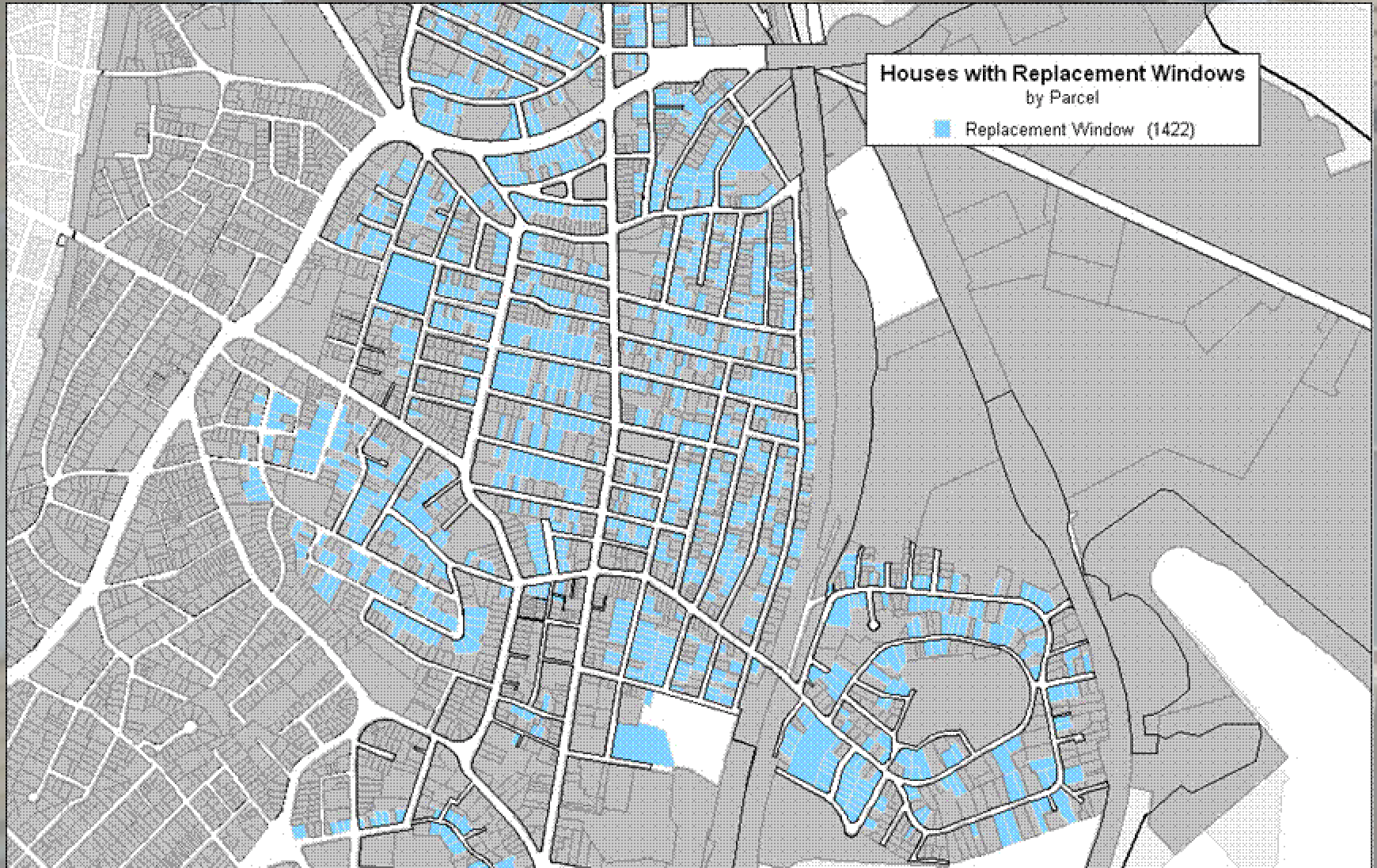
Early Results



LeadSafeHomes. Info



Potential for Other Uses



Next Steps

- **Finish Surveying North Dorchester and the other Tier I Neighborhoods**
- **Refine the Survey**
- **Analyze the Data**
- **Develop a Lead Awareness Campaign and Outreach Strategy based on findings**
- **Recruit other Organizations and Volunteers**
- **Raise additional funds to get the data added to the LeadSafeHomes.Info website**
- **Work with the City and State to help focus resources to the families most at risk**